

What is claimed is:

1. A pilot web and differential carrier assembly, comprising:
a pilot web comprising a first end and a second end, at least one aperture is
5 located at each of said first and second ends;
a differential carrier comprising at least two apertures in complementary locations
to said apertures of said pilot web;
a first stop on said pilot web;
a second stop on said differential carrier, said second stop being disposed adjacent
10 to, and aligned with, said first stop, wherein said first and second stops define a gap
therebetween;
at least two bolts disposed through said respective apertures of said pilot web and
said differential carrier; and
at least two bushings, said bushings being disposed about corresponding ones of
15 said at least two bolts.

2. The pilot web and differential carrier assembly according to claim 1, wherein
each end of said pilot web comprises a single aperture, and said differential carrier
comprises two apertures in complementary locations to said apertures of said pilot web.

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3. The pilot web and differential carrier assembly according to claim 1, wherein
each end of said pilot web comprises two apertures, and said differential carrier
comprises four apertures in complementary positions to said apertures of said pilot web.

4. The pilot web and differential carrier assembly according to claim 3, comprising four bolts disposed through said complementary apertures of said pilot web and said differential carrier.
- 5 5. The pilot web and differential carrier assembly according to claim 3, comprising four bushings, each of said bushings being disposed about a corresponding one of said bolts.
6. The pilot web and differential carrier assembly according to claim 3, comprising
10 two bushings, one of said bushings being disposed about a corresponding one of said bolts at said first end of said pilot web, and the other of said bushing being disposed about a corresponding one of said bolts at said second end of said pilot web.
7. The pilot web and carrier assembly according to claim 1, wherein each of said
15 apertures in said pilot web and each of said apertures in said differential carrier which correspond to one of said bushings is counter bored to receive the bushing.
8. The pilot web and carrier assembly according to claim 1, wherein each of said bushings comprises steel.
- 20 9. The pilot web and carrier assembly according to claim 1, wherein the gap between said first stop and said second stop is about 0.002 inch when not under load.

10. The pilot web and carrier assembly according to claim 1, wherein the gap between said first stop and said second stop is selected to essentially maximize transfer of forces from the pilot web to the carrier.